

What should I already know?

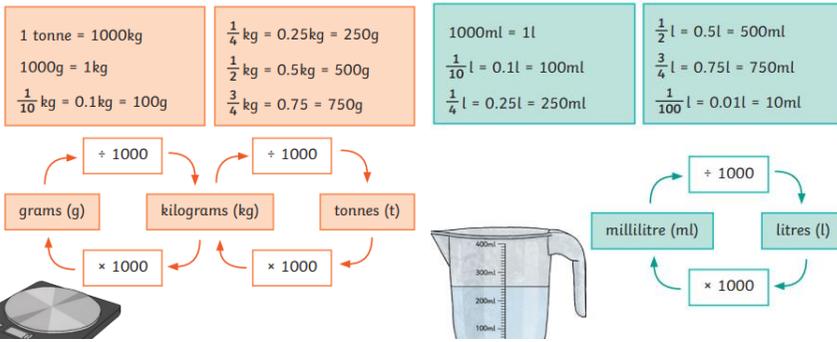
- That converting measurement means to change its unit of measure.
- Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)
- Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints
- How to add and subtract measures (length, mass, and volume and capacity)

Key Vocabulary and definitions

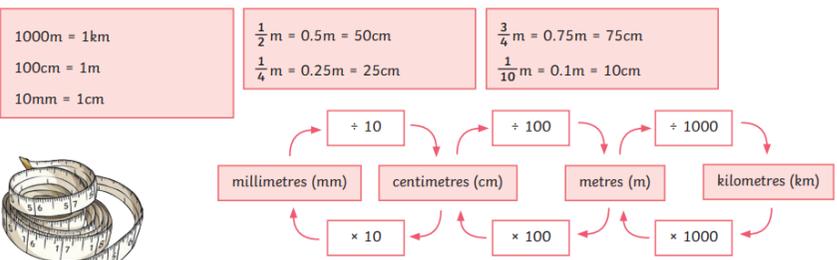
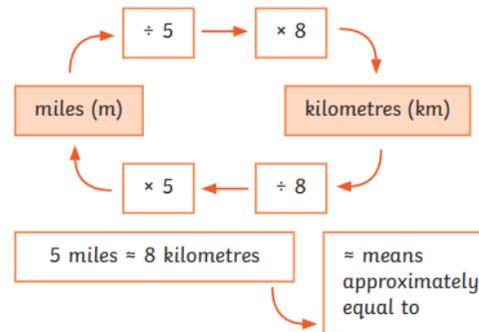
Volume	The space that a 3D object occupies or contains
Capacity	How much fluid fits inside a container
Cube	3d shape, all of its 6 faces are square
Prism	A type of 3d shape with flat sides. It has two ends that are the same shape and size. It has the same cross-section all along the shape from end to end.
Face	The 2d part of a 3d shape
Cross-section	A view into the inside of something made by cutting through it.
Scale	A number track which you need to read to measure something
Interval	How numbers are spaced equally along a scale
Millimetre, centimetre, metre	Standard units of measure for length
Gram, kilogram	Standard units of measure for mass
Millilitre, litre	Standard units of measure for capacity/volume
Convert	Change from one unit of measure to another

Key Knowledge

Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate



Convert between miles and kilometres



Imperial Measures

Things that could be measured using imperial units:

- Someone's height in feet and inches
- The mass of a bag of sugar in ounces
- The mass of a sack of potatoes in pounds
- A person's mass in stones
- A carton of milk in pints
- The amount of water in a bath in gallons

1 foot = 12 inches
1 pound = 16 ounces
1 stone = 14 pounds
1 gallon = 8 pints

Metric to Imperial Conversions

metric (new)	imperial (old)
2.5 centimetres	1 inch
1 kilogram	2.2 pounds
4.5 litres	1 gallon

